

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method of osteochondral repair, comprising the steps of:
creating a recipient socket in bone having an articular surface to be repaired;
selecting an implant from a set of implants to match the articular surface to be repaired, the set comprising a plurality of preformed implants having different curvatures and contours, ~~each implant having an articular surface formed on at least one end~~ each of the implants of the set comprising a cylindrical plug having opposing ends, each end being provided with a surface, each surface having a different curvature from the surface at the opposing end of the implant; and
inserting the implant into the recipient socket.
2. (Original) The method of claim 1, wherein the implant is formed of hydrogel.
3. (Original) The method of claim 2, wherein the hydrogel implant is secured into the recipient socket by disposing a suture net around the implant.
4. (Original) The method of claim 2, wherein the hydrogel implant is provided with a perforated surface to secure the implant in the recipient socket.

5. (Original) The method of claim 1, wherein the implant is formed of metal.
6. (Original) The method of claim 1, wherein the step of inserting the implant comprises loading the implant into a delivery tube and delivering the implant by hand into the recipient socket.
7. (Canceled)
8. (Currently Amended) The method of claim 1, wherein the ~~set of implants comprises a plurality of cylindrically shaped plugs, each plug having opposing ends provided with an articular surface, each articular surface having~~ opposing surfaces of the implants have a different contour from each ~~the~~ other.
9. (Currently Amended) The method of claim 1, wherein the set of preformed implants comprises at least two synthetic hydrogel implants, each implant having a different diameter.

Claims 10-13. (Canceled).